

Claims

1. An ignition actuation mechanism for an elongate piezoelectric ignition type lighter for generating discharge voltage that causes a spark between discharge electrodes to ignite fuel gas when an actuation member of a piezoelectric mechanism is operated in a predetermined direction,

characterized in that a load to resist the actuation of said actuation member is increased suddenly on the way of an actuation stroke leading to generation of the discharge voltage by pressing said piezoelectric mechanism.

2. An ignition actuation mechanism for an elongate piezoelectric ignition type lighter of claim 1, wherein said actuation member comprises a sliding type actuation button assembled at a front end of said piezoelectric mechanism.

3. An ignition actuation mechanism for an elongate piezoelectric ignition type lighter of claim 1 or 2, wherein the load is increased at 40% ~ 10% prior to generation of the discharge voltage in the actuation stroke of said piezoelectric mechanism.

4. An ignition actuation mechanism for an elongate piezoelectric ignition type lighter of claim 3, wherein the load to resist the actuation reaches 10N ~ 40N in maximum.

5. An ignition actuation mechanism for an elongate piezoelectric ignition lighter of claim 1, 2, 3 or 4, wherein an elastic member is provided below said actuation member so as to be elastically compressed on the way of the actuation stroke of said piezoelectric mechanism, a spring load of said piezoelectric mechanism is used to resist the actuation of said actuation member in an initial stage of the actuation stroke of said piezoelectric mechanism while an elastic load of said elastic member is added to the spring load of said piezoelectric mechanism to resist the actuation of said actuation member on the way of the actuation stroke.

6. An ignition actuation mechanism for an elongate piezoelectric ignition type lighter of claim 5, wherein said elastic member comprises a torsion plate integrally

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provided with said actuation member.

5 7. An ignition actuation mechanism for an elongate piezoelectric ignition type lighter of claim 5, wherein said elastic member is provided separately from said actuation member.

10 8. An ignition actuation mechanism for an elongate piezoelectric ignition type lighter of claim 6, wherein said actuation member and said torsion plate are integrally molded from polyacetal resin.

 9. An ignition actuation mechanism for an elongate piezoelectric ignition type lighter of claim 5, wherein said elastic member is a torsion plate provided integrally with a holder member separated from said actuation member.

15 10. An ignition actuation mechanism for an elongate piezoelectric ignition type lighter of claim 9, wherein said holder member and said torsion plate are integrally molded from polyacetal resin.